

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20060152626"	US-PGPUB; USPAT	OR	ON	2008/01/28 15:28
S2	1	"6377633".pn.	US-PGPUB; USPAT	OR	ON	2008/01/29 16:44
S3	434	375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/28 16:21
S4	0	(slic\$3 threshold) adj (threshold level) same (binary digital) adj signal same noise with (symmetrical asymmetrical)	US-PGPUB; USPAT	OR	ON	2008/01/29 18:21
S5	7	(slic\$3 threshold) adj (threshold level) and (binary digital) adj signal same noise with (symmetrical asymmetrical)	US-PGPUB; USPAT	OR	ON	2008/01/28 16:18
S6	13	S3 and (asymmetrical uneven dynamic chang\$3 variable) with noise same (compensat\$3 mitigat\$3 correct\$3)	US-PGPUB; USPAT	OR	ON	2008/01/28 17:10
S7	6	S3 and (asymmetrical uneven dynamic chang\$3 variable) with noise with (compensat\$3 mitigat\$3 correct\$3)	US-PGPUB; USPAT	OR	ON	2008/01/28 16:23
S8	12	S6 and (difference subtract\$3)	US-PGPUB; USPAT	OR	ON	2008/01/28 16:23
S9	1	S6 and (difference subtract\$3) same (half "1/2")	US-PGPUB; USPAT	OR	ON	2008/01/28 16:23
S10	20	S3 and noise same (compensat\$3 mitigat\$3 correct\$3) and noise with peak	US-PGPUB; USPAT	OR	ON	2008/01/28 17:11
S11	6	S3 and noise same (compensat\$3 mitigat\$3 correct\$3) same noise with peak	US-PGPUB; USPAT	OR	ON	2008/01/28 17:31
S12	31	S3 and noise with peak and (level slic\$3 threshold) with (adjust\$4 variable adapt\$4)	US-PGPUB; USPAT	OR	ON	2008/01/28 17:33
S13	320	digital same bit with slicer	US-PGPUB; USPAT	OR	ON	2008/01/29 16:44
S14	4	digital same bit with slicer and 375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/29 16:49
S15	20	S13 and (measur\$5 determin\$3) with noise with (peak.level)	US-PGPUB; USPAT	OR	ON	2008/01/29 16:51
S16	11	S15 and (adjust\$4 adapt\$4 variable varying chang\$3) with (reference threshold transition) with (level voltage value)	US-PGPUB; USPAT	OR	ON	2008/01/29 17:46

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S17	1	"4707740".pn.	US-PGPUB; USPAT	OR	ON	2008/01/29 17:47
S18	12	("4707740").URPN.	USPAT	OR	ON	2008/01/29 17:50
S19	3	S18 and noise with slic\$3 with (level threshold reference)	USPAT	OR	ON	2008/01/29 17:49
S20	5	S18 and (slic\$3 threshold) not S19	USPAT	OR	ON	2008/01/29 17:51
S21	1628	peak adj (detect\$3 register) same noise and (comparator slicer)	US-PGPUB; USPAT	OR	ON	2008/01/29 18:24
S22	13	S21 and 375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/29 18:24
S23	22	("2999925"   "3736511"   "4270208"   "4458322"   "4479266"   "4540897"   "4823360"   "4926442"   "5052021"   "5180931"   "5315164"   "5627860"   "5706222"   "5724035"   "6134279"   "6151150"   "6242908").PN. OR ("6377633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 15:57
S24	22	("2999925"   "3736511"   "4270208"   "4458322"   "4479266"   "4540897"   "4823360"   "4926442"   "5052021"   "5180931"   "5315164"   "5627860"   "5706222"   "5724035"   "6134279"   "6151150"   "6242908").PN. OR ("6377633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 15:58
S25	20	S24 and (slicer slicing threshold reference) adj (level voltage value)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 15:58
S26	1	S25 and (measure measuring measurement determin\$5 observ\$3 sav\$3 stor\$3 captur\$3) with noise	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:12
S27	3	S25 and (peak peak adj detect\$3) with noise	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:25
S28	0	digital adj bit adj slicer	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:26
S29	22	digital with bit adj slicer	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:26
S30	8	digital with bit adj slicer and (threshold slic\$3 reference) adj (level voltage value)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:26
S31	6	digital with bit adj slicer and (threshold slic\$3 reference) adj (level voltage value) and noise	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:31

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S32	1	digital with bit adj slicer and (threshold slic\$3 reference) adj (level voltage value) and noise with peak	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:27
S33	52	noise with peaks same binary adj signal	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:31
S34	34	noise with peaks same binary adj signal and (slicer slic\$3 comparator) same (threshold reference slic\$3 transition) with (value level voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 16:32
S35	11	noise with peaks same binary adj signal same (slicer slic\$3 comparator) same (threshold reference slic\$3 transition) with (value level voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 17:28
S36	462	375/317.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 17:28
S37	0	S36 and noise with peak and (slic\$3 shifter adder summer) same (threshold reference slic\$3) with (level value) same (DC direct adj current) adj offset	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 17:30
S38	2	S36 and noise with peak and (slic\$3 shifter adder summer) same (threshold reference slic\$3) with (level value) and (DC direct adj current) adj offset	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:00
S39	79	(ADC analog adj2 digital adj converter) same (bit with slic\$3) same (threshold reference level) with (adjust\$4 adapt\$3 chang\$3 varying variable)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:14
S40	401	(bit with slic\$3) same (threshold reference level) with (adjust\$4 adapt\$3 chang\$3 varying variable)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:14
S41	52	(bit adj slic\$3) same (threshold reference level) with (adjust\$4 adapt\$3 chang\$3 varying variable)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:15
S42	0	(bit adj slic\$3) same (threshold reference level) with (adjust\$4 adapt\$3 chang\$3 varying variable) and noise with peak adj detect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:15
S43	5	S40 and noise with peak adj detect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 18:15

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S44	39	(slicer slicing threshold reference) adj (value level threshold) and (uneven asymmetrical different) with noise with bit same (low lo "0" "-1") same (high hi "1")	US-PGPUB; USPAT	OR	ON	2008/01/31 14:26
S45	0	S44 and (DC direct adj current) adj offset	US-PGPUB; USPAT	OR	ON	2008/01/31 14:25
S46	1	S44 and 375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/31 14:25
S47	39	(slicer slicing slice threshold reference) adj (value level threshold) and (uneven asymmetrical different) with noise with bit same (low lo "0" "-1") same (high hi "1")	US-PGPUB; USPAT	OR	ON	2008/01/31 14:26
S48	39	(slicer slicing slice threshold reference) adj (value level threshold) and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise with bit same (low lo "0" "-1") same (high hi "1")	US-PGPUB; USPAT	OR	ON	2008/01/31 14:59
S49	285	(slicer slicing slice threshold reference) adj (value level threshold) and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise same bit same (low lo "0" "-1") same (high hi "1")	US-PGPUB; USPAT	OR	ON	2008/01/31 14:27
S50	435	375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/31 14:47
S51	2	S50 and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise same bit with ((hi high "1") and (lo low "-1" "0"))	US-PGPUB; USPAT	OR	ON	2008/01/31 14:50
S52	29	S50 and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise	US-PGPUB; USPAT	OR	ON	2008/01/31 14:50
S53	8	S50 and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise same bit	US-PGPUB; USPAT	OR	ON	2008/01/31 14:58
S54	1	"20020149813".pn.	US-PGPUB; USPAT	OR	ON	2008/01/31 14:57
S55	0	S50 and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise and (DC direct adj (current voltage)) adj offset	US-PGPUB; USPAT	OR	ON	2008/01/31 14:59

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S56	8454	(slicer slicing slice threshold reference) adj (value level threshold) and (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise	US-PGPUB; USPAT	OR	ON	2008/01/31 14:59
S57	839	(slicer slicing slice threshold reference) adj (value level threshold) same (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise	US-PGPUB; USPAT	OR	ON	2008/01/31 15:00
S58	14	(slicer slicing slice threshold reference) adj (value level threshold) same (uneven asymmetrical nonsymmetrical non adj symmetrical different) with noise and shift\$3 and (DC direct adj current) adj offset	US-PGPUB; USPAT	OR	ON	2008/01/31 15:17
S59	16	bit with (slicer slicing slice transition) with (threshold reference value level) and (uneven asymmetrical nonsymmetrical non adj symmetrical) with noise	US-PGPUB; USPAT	OR	ON	2008/01/31 16:17
S60	231	bit with (slicer slicing slice transition) with (threshold reference value level) and (shift\$3 add\$3 sum\$4) same noise with (correct\$3 compensat\$3 adjust\$4)	US-PGPUB; USPAT	OR	ON	2008/01/31 16:19
S61	79	bit with (slicer slicing slice transition) with (threshold reference value level) and (shift\$3 add\$3 sum\$4) with noise with (correct\$3 compensat\$3 adjust\$4)	US-PGPUB; USPAT	OR	ON	2008/01/31 16:19
S62	2	bit with (slicer slicing slice transition) with (threshold reference value level) same (shift\$3 add\$3 sum\$4) with noise with (correct\$3 compensat\$3 adjust\$4)	US-PGPUB; USPAT	OR	ON	2008/01/31 16:21
S63	0	bit with (slicer slicing slice transition) with (threshold reference value level) and noise and differential adj amplif\$4 same (RMS root adj mean adj square\$)	US-PGPUB; USPAT	OR	ON	2008/01/31 16:23
S64	15	bit with (slicer slicing slice transition) with (threshold reference value level) and noise and differential adj amplif\$4 and (RMS root adj mean adj square\$)	US-PGPUB; USPAT	OR	ON	2008/01/31 16:47
S65	3	("4707740" EP0889590 "5373400" "6151150").pn.	US-PGPUB; USPAT; EPO	OR	ON	2008/01/31 16:59

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S66	11	slic\$3 adj (level threshold) and difference with noise with peak	US-PGPUB; USPAT; EPO	OR	ON	2008/01/31 17:12
S67	10319	differential with single adj (ended rail)	US-PGPUB; USPAT; EPO	OR	ON	2008/01/31 17:12
S68	195	differential with single adj (ended rail) with (advantageous beneficial better)	US-PGPUB; USPAT; EPO	OR	ON	2008/01/31 17:13
S69	14	S68 and "375".clas.	US-PGPUB; USPAT; EPO	OR	ON	2008/01/31 17:13
S70	0	binary adj signal same (direct adj current DC) and (slic\$3 transition midbit mid adj bit) near2 (threshold level voltage) and (uneven asymmetrical non adj symmetrical unequal) with noise and (signal bit) with level	US-PGPUB; USPAT	OR	ON	2008/01/31 18:49
S71	0	binary adj signal same (direct adj current DC) and (slic\$3 transition midbit mid adj bit) near2 (threshold level voltage) and (uneven asymmetrical non adj symmetrical unequal) with noise	US-PGPUB; USPAT	OR	ON	2008/01/31 18:49
S72	124	binary adj signal same (direct adj current DC) and (slic\$3 transition midbit mid adj bit) near2 (threshold level voltage)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:49
S73	3	S72 and 375/317.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/31 18:50
S74	3311	(low adj pass adj filter LPF) with integrator	US-PGPUB; USPAT	OR	ON	2008/02/01 14:45
S75	195	(low adj pass adj filter LPF) with integrator with (conventional well adj known simple)	US-PGPUB; USPAT	OR	ON	2008/02/01 14:46
S76	3475	voltage adj source same (resistor resistive adj element) same transistor same current adj source	US-PGPUB; USPAT	OR	ON	2008/02/01 15:34
S77	774	voltage adj source same series same (resistor resistive adj element) same transistor same current adj source	US-PGPUB; USPAT	OR	ON	2008/02/01 15:45
S78	1	(RMS root adj mean adj square\$1) adj (level detector) with binary adj signal same differential adj (amp amplifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 15:53

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S79	2	(RMS root adj mean adj square\$1) adj (level detector) with signal same differential adj (amp amplifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 15:58
S80	0	(RMS root adj mean adj square\$1) adj (level detector) same measure with noise same differential adj (amp amplifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 15:59
S81	5	(RMS root adj mean adj square\$1) adj (level detector) same measure with noise	US-PGPUB; USPAT	OR	ON	2008/02/01 16:17
S82	280	(RMS root adj mean adj square\$1) same differential adj (amp amplifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 16:24
S83	6	S82 and binary same noise	US-PGPUB; USPAT	OR	ON	2008/02/01 16:17
S84	11	(RMS root adj mean adj square\$1) same differential adj (amp amplifier) same noise same peak	US-PGPUB; USPAT	OR	ON	2008/02/01 16:25
S85	8	((ROELAND) near2 (HEIJNA)).INV.	US-PGPUB; USPAT	OR	ON	2008/02/01 17:20
S86	10530	(KONINKLIJKE adj PHILIPS adj ELECTRONICS).as.	US-PGPUB; USPAT	OR	ON	2008/02/01 17:21
S87	1	S86 and (slice and noise and peak and binary).clm.	US-PGPUB; USPAT	OR	ON	2008/02/01 17:23
S88	1	S86 and (slice and noise and peak). clm.	US-PGPUB; USPAT	OR	ON	2008/02/01 17:23